

BNL UPDATE:
**PROTOTYPE
PROGRESS**

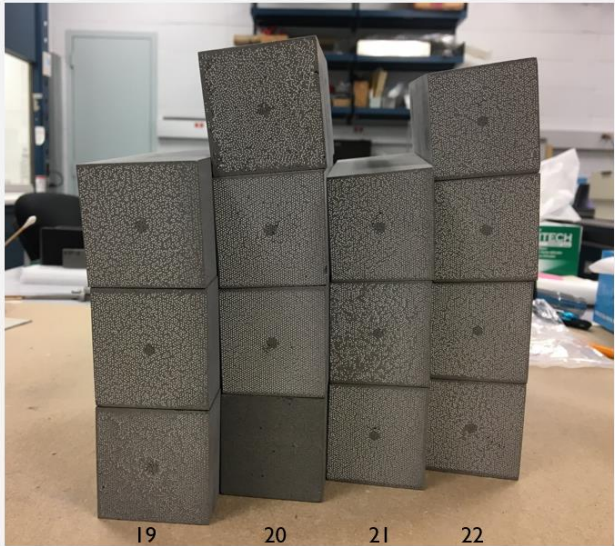
12/13/2016

Current status:

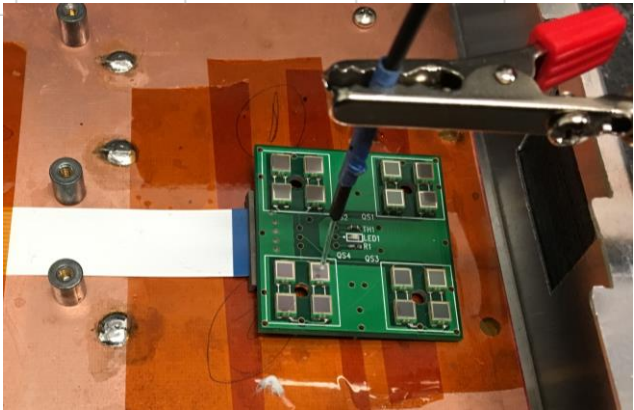
looking at readout end				
positions				
2" LG's	19-1	20-3	21-2	22-4
	19-2	20-4	21-1	22-2
1" LG's	19-4	20-1	21-3	22-3
	19-3	20-2	21-4	22-1
19202122				

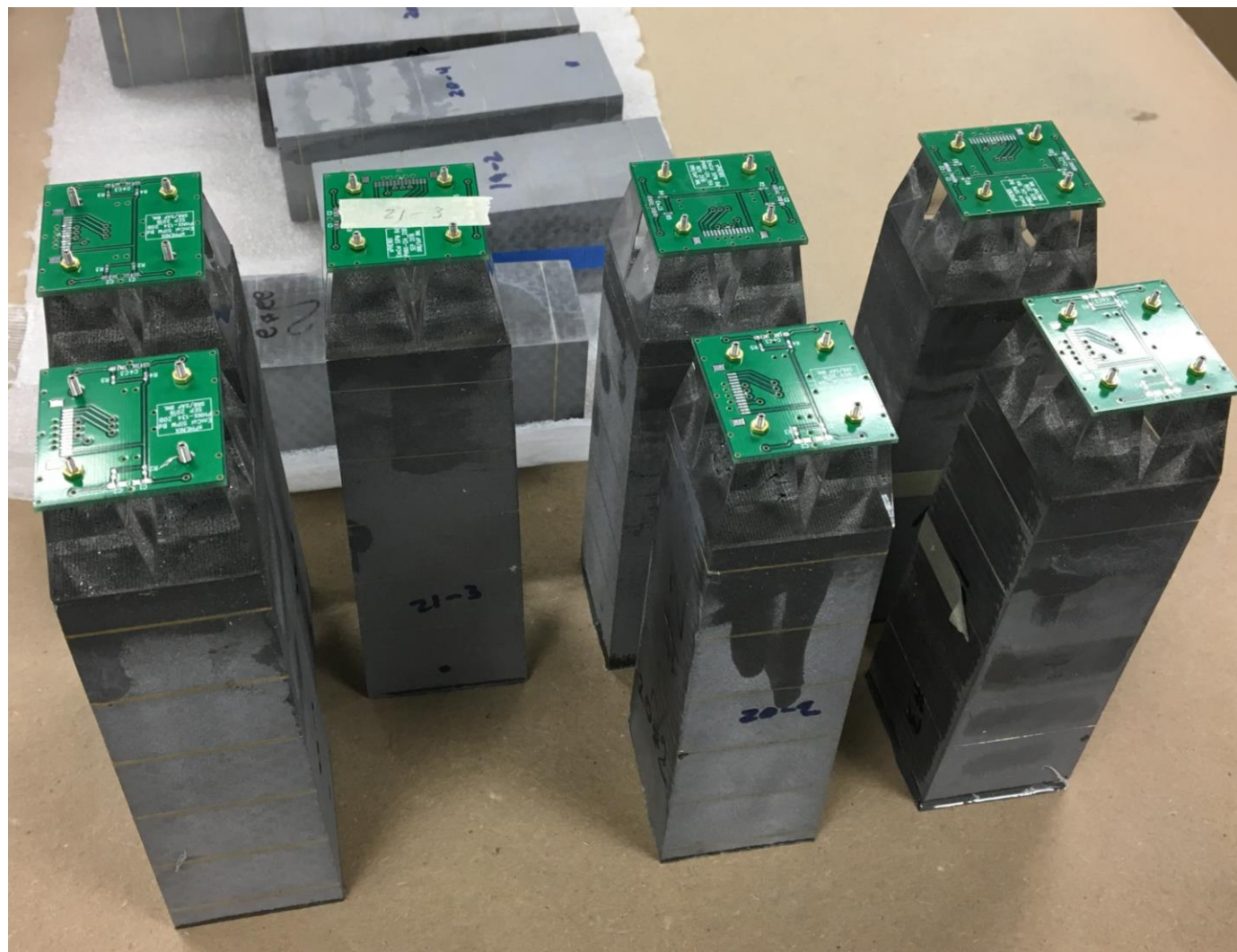
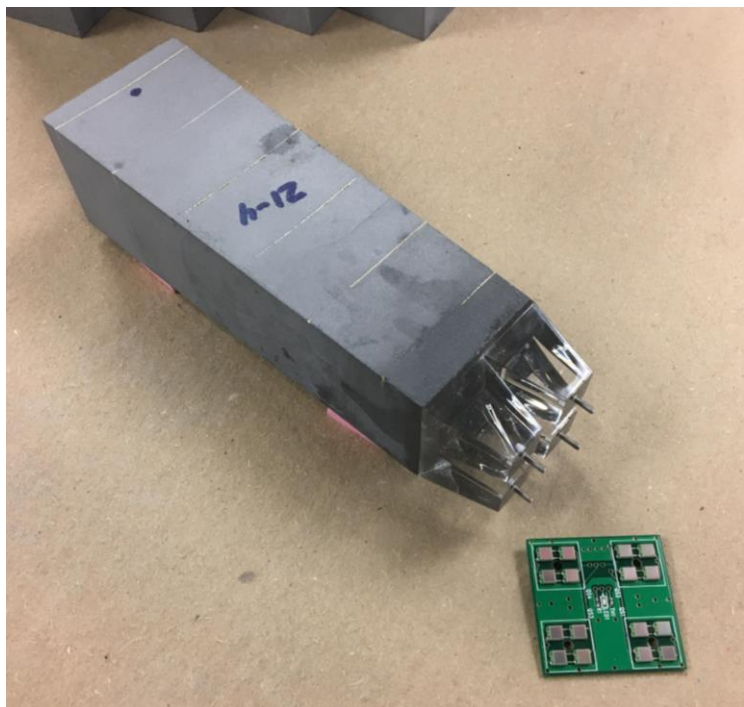
Block#	drilled	LG attached	reflector 1	reflector 2	stud epoxied
19-1					
19-3					
19-4					
19-2					
20-1					
20-2					
20-3					
20-4					
21-1					
21-2					
21-3					
21-4					
22-1					
22-2					
22-3					
22-4					

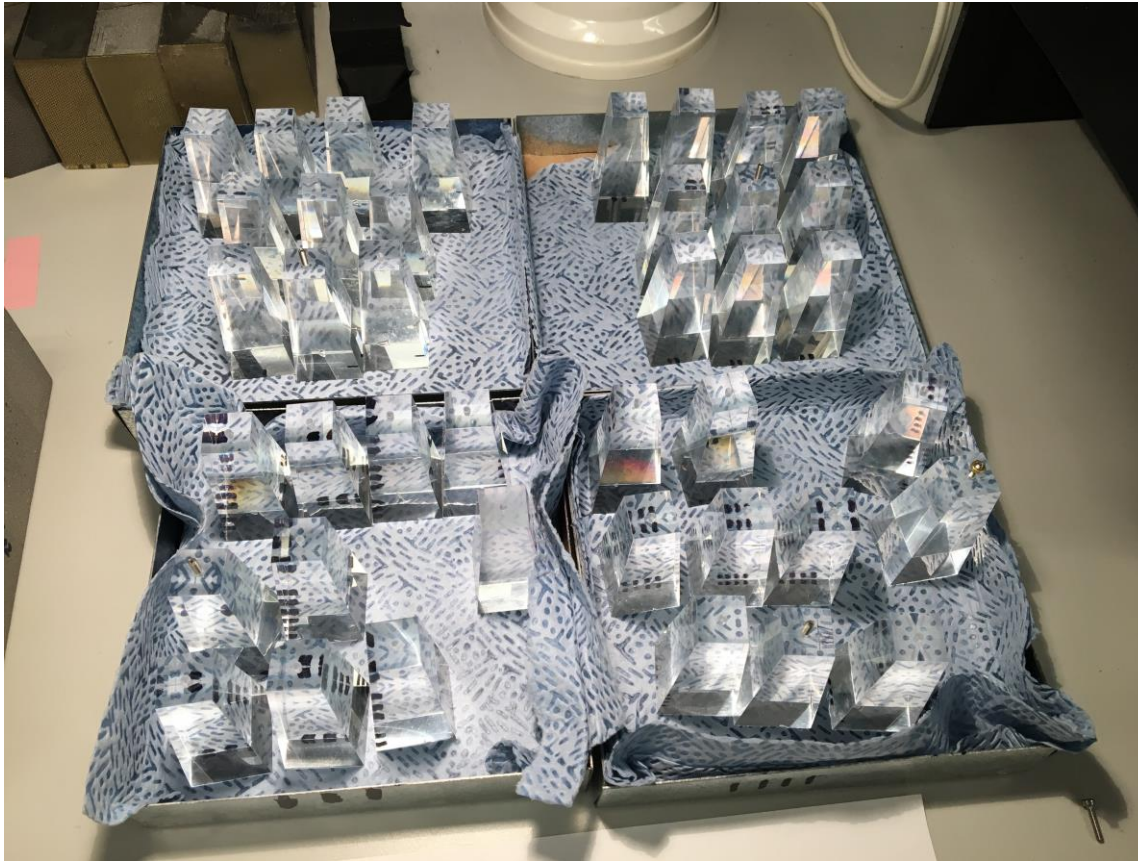
electronics:			
#	sipms on pcb	pcb tested	pcb attached
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			



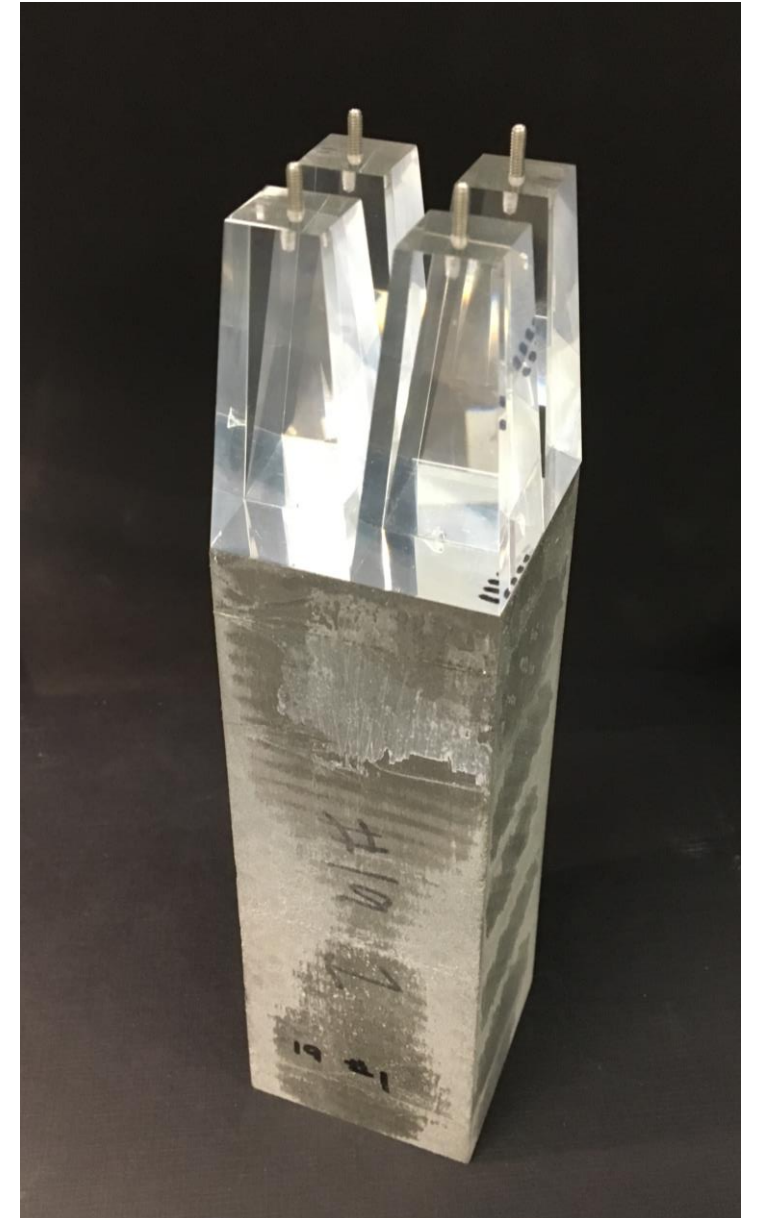
Sipms arrived from Hamamatsu



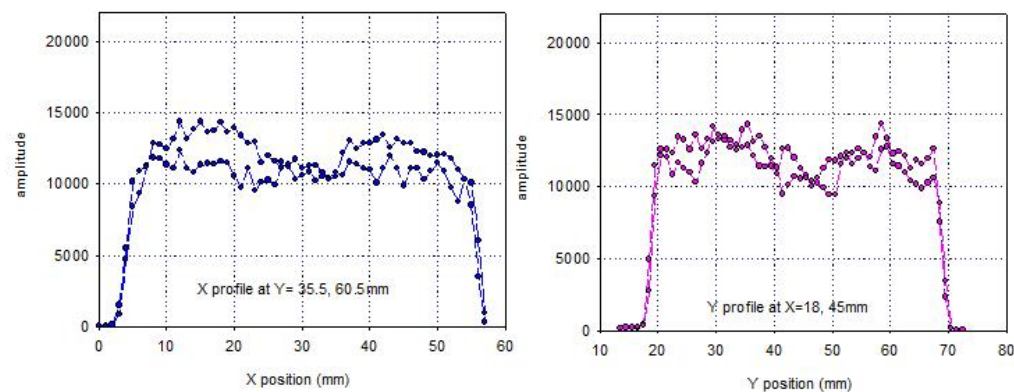




- All 2" light guides on hand
- appear to fit block well
 - Epoxying to block is tricky

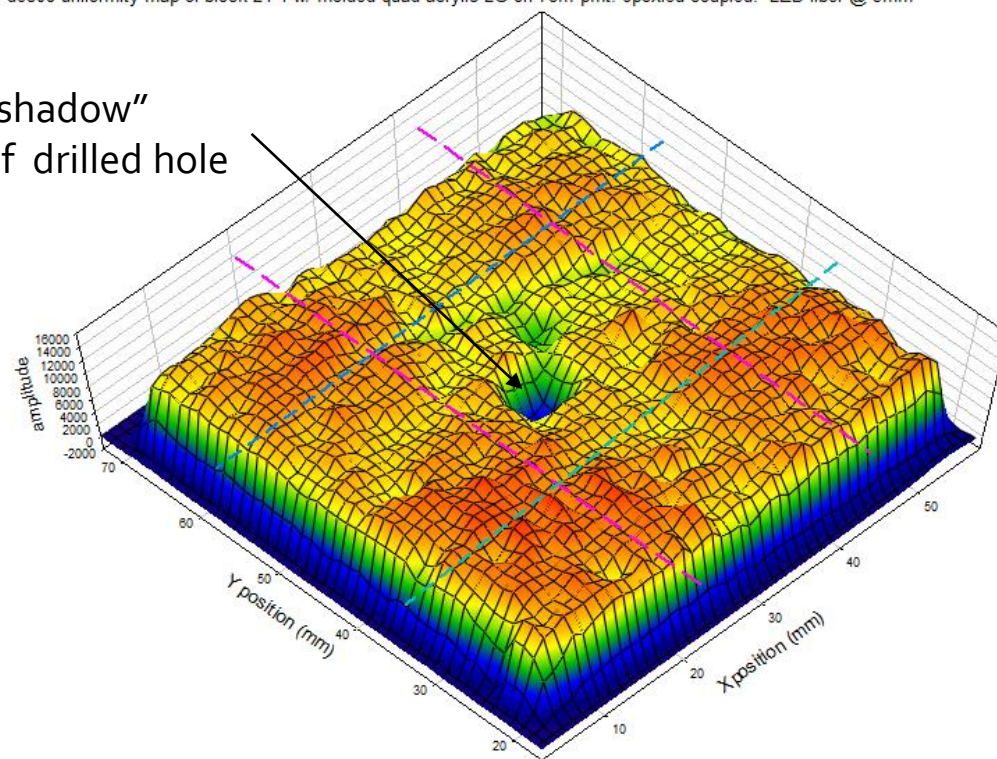


Uniformity of
Block + 1" LG
LED scan,
Read out w/pmt



dec08 uniformity map of block 21-4 w/ molded quad acrylic LG on 7cm pmt. epoxied coupled. LED fiber @ 5mm

"shadow"
of drilled hole



Started measurement of
Cosmics with
Block+LG+pmt

